

Converting Colors

$Y_{xy}(17.3518, 0.3727, 0.2870)$

Have a look what the booklet for
Yxy(17.3518, 0.3727, 0.2870)
contains.

Yxy(17.4523, 0.3726, 0.2878)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.4523, 0.3726, 0.2878)

Conversions

Conversions Part 1

Format	Color
Hex	A2607A
RGB	162, 96, 122
RGB Percent	64%, 38%, 48%
CMY	0.3648, 0.6235, 0.5215
CMYK	0.00, 0.41, 0.25, 0.36
HSL	336°, 26%, 51%
HSV	336°, 41%, 64%
XYZ	22.5946, 17.4523, 20.5935
YIQ	118.6980, 30.9900, 22.0780

Conversions

Conversions Part 2

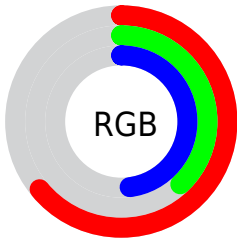
Format	Color
R_{YB}	162, 96, 122
Decimal	10641530
CIE Lab	48.82, 30.32, -3.04
CIE LCh	49, 30.470, 354.282
Yxy	17.4523, 0.3726, 0.2878
Android (android.graphics.Color)	4288831610 (0xFFA2607A)
YUV	118.6980, 1.6279, 37.9759
Hunter-Lab	41.7760, 23.4342, 0.0161

Details

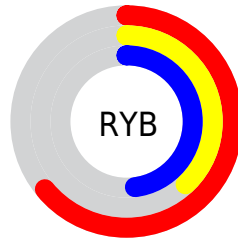
The Yxy color **17.4523, 0.3726, 0.2878** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.1008, 0.2766, 0.3753**, and the grayscale version is **18.3357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1412, 0.3588, 0.2979**, and **5.7022, 0.3989, 0.2707** is the 20% darker color. If you saturate the color by 10%, you get **14.5641, 0.3951, 0.2782**, and if you desaturate by 10%, it is **20.9758, 0.3535, 0.2982**.

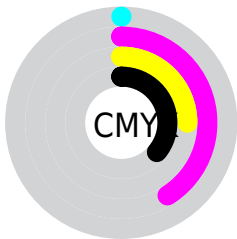
Distribution



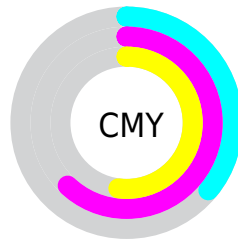
- Red (64%)
- Green (38%)
- Blue (48%)



- Red (64%)
- Yellow (38%)
- Blue (48%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (36%)





- Cyan (36%)
- Magenta (62%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4523, 0.3726, 0.2878 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 17.4523, 0.3726, 0.2878 by changing the saturation by 10% instead.


 17.4523, 0.3726,
0.2878


 17.4523, 0.3726,
0.2878


237.7655, 0.3381,
0.3113


 10.5575, 0.3832,
0.2807


 39.1018, 0.3587,
0.2972


 5.7701, 0.3984,
0.2707


 54.6253, 0.3539,
0.3004

 2.7058, 0.4218,
0.2556

 73.7938, 0.3500,
0.3031

 0.9801, 0.4622,
0.2301

 96.9918, 0.3468,
0.3053

 0.0000, 0.8972,
0.0000

124.6035, 0.3441,
0.3071

 0.0000, 0.0000,
0.0000

157.0135, 0.3418,

0.3087

194.6060, 0.3398,
0.3101

■ 17.4523, 0.3726,
0.2878

■ 17.4523, 0.3726,
0.2878

■ 14.5641, 0.3951,
0.2782

■ 20.9758, 0.3535,
0.2982

■ 12.2702, 0.4210,
0.2701

■ 25.1673, 0.3375,
0.3086

■ 10.5290, 0.4499,
0.2648


■ 30.0601, 0.3243,
0.3187


■ 9.2920, 0.4804,
0.2634

■ 35.6847, 0.3134,
0.3283

■ 8.5024, 0.5109,
0.2670


■ 42.0696, 0.3045,
0.3373

 8.0484, 0.5378,
0.2736

 49.2419, 0.2971,
0.3455

 57.2275, 0.2910,
0.3531

 66.0508, 0.2860,
0.3600

 75.7353, 0.2818,
0.3663

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.4523, 0.3126, 0.2550



17.4523, 0.3726, 0.2878



17.4523, 0.4175, 0.3306

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.4523, 0.3726, 0.2878



17.4523, 0.3616, 0.4366



17.4523, 0.2073, 0.2657

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.4523, 0.3726, 0.2878



30.1008, 0.2766, 0.3753

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.4523, 0.2175, 0.3133



17.4523, 0.3726, 0.2878



17.4523, 0.3041, 0.4225

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.4523, 0.3726, 0.2878



17.4523, 0.4085, 0.4161



17.4523, 0.2517, 0.3737



17.4523, 0.2213, 0.2406

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.4523, 0.3726, 0.2878



17.4523, 0.4301, 0.3612



17.4523, 0.2517, 0.3737



17.4523, 0.2080, 0.2792

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.4531, 0.3726, 0.2878



53.1666, 0.3261, 0.3173



16.1764, 0.2842, 0.2211



11.6868, 0.3277, 0.3160



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.4531, 0.3726, 0.2878



26.8218, 0.3932, 0.2789



18.1475, 0.4087, 0.3399



7.1300, 0.3226, 0.3202



6.3498, 0.5356, 0.2724



0.1426, 0.4441, 0.2220

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.4531, 0.3726, 0.2878



26.8218, 0.3932, 0.2789



28.6682, 0.2562, 0.3175



7.1300, 0.3226, 0.3202



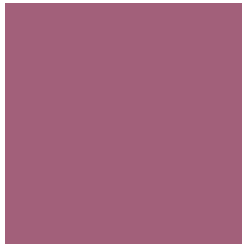
6.3498, 0.5356, 0.2724



0.1426, 0.4441, 0.2220

Previews

White Background



This preview shows how the Yxy color 17.4523, 0.3726, 0.2878 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.4523, 0.3726, 0.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

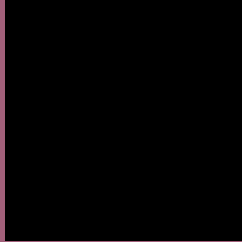
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.4523, 0.3726, 0.2878

Background



This preview shows how black text looks on a background with the Yxy color 17.4523, 0.3726, 0.2878.



This preview shows how white text looks on a background with the Yxy color 17.4523, 0.3726, 0.2878.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.4523, 0.3726, 0.2878

Protanopia

17.7227, 0.2886, 0.2947

Deuteranopia

17.5778, 0.3225, 0.3177



Tritanopia

17.4379, 0.3930, 0.3178

Trichromacy



Original Color

17.4523, 0.3726, 0.2878

Protanomaly

17.3743, 0.3158, 0.2910

Deuteranomaly

17.3604, 0.3400, 0.3059

Tritanomaly

17.4823, 0.3857, 0.3066

Monochromacy



Original Color

17.4523, 0.3726, 0.2878

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.8758, 0.3336, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4523, 0.3726, 0.2878 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(162, 96, 122)` looks like.

```
.text, #text, p{  
  color:rgb(162, 96, 122)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(162, 96, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 96, 122) }
```

Border

The CSS property to change the border of an element to Yxy 17.4523, 0.3726, 0.2878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 96, 122) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(162, 96, 122) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(162, 96, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 96, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 96, 122);  
box-shadow:4px 4px 4px 4px rgb(162, 96,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4523, 0.3726, 0.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 96, 122) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(162, 96,  
122) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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